

CLAIMS

1. A polymer film characterized in that the Poisson's ratio of the longitudinal direction (MD) to the transverse direction (TD) is less than 0.4.

2. A polymer film according to claim 1, wherein the Poisson's ratio is 0.1 to less than 0.3.

3. A polymer film according to claim 1, wherein the Poisson's ratio is 0.01 to less than 0.1.

4. A polymer film according to claim 1, wherein the tensile modulus at least in one direction is at least 7 GPa.

$$1 \text{ psi} = .07 \text{ kg/cm}^2 \quad 1 \text{ GPa} = 1 \times 10^4 \text{ kg/cm}^2$$

5. A polymer film according to claim 4, wherein the ratio E_{TD}/E_{MD} of the tensile moduli of the transverse direction to the longitudinal direction satisfies:

$$0.8 < E_{TD}/E_{MD} < 3.$$

6. A polymer film according to claim 1, wherein the polymer film is an aromatic polyamide film.

7. A magnetic recording medium comprising a film according to any one of claims 1 to 6 provided with a magnetic layer on at least one side.

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